

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S68	8	((largest or greatest or smallest) same frequency same band) with energy same difference)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 10:21
S66	35	((largest or greatest or smallest) same frequency same band same energy same difference)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 10:04
S65	5	(largest same frequency same band same energy same difference) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 09:59
S64	2	(largest same frequency same band same energy same signal same gain) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:54
S63	2	(largest with frequency with band with energy with signal) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:53
S62	2	(largest with frequency with band with energy with signal) and quantization and noise	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:47
S61	1	(largest with frequency with band with energy with signal with noise) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:46
S59	8	(adjacent with frequency with band with energy with signal) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:46
S60	1	S59 and largest	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:45
S57	8	(adjacent with frequency with band with energy with signal) and quantization	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/12 08:45
S56	153	adjacent with frequency with band with energy with signal	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/11 15:32

## EAST Search History

S55	6166	adjacent with frequency with band	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/11 15:31
S54	3	S52 and energy	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/11 09:08
S51	1	S50 and mask\$4 and threshold	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/11 08:57
S50	1	S49 and encod\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/11 08:57
S49	1	S48 and (spectral or spectrum)	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/11 08:52
S48	1	S45 and band	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/11 08:52
S45	1	S43 and gain and domain and frequency	USPAT	OR	OFF	2007/04/11 08:52
S46	0	S43 and gain and domain and frequency and scale and factor	USPAT	OR	OFF	2007/04/11 08:51
S44	0	S43 and gain and scalefactor	USPAT	OR	OFF	2007/04/11 08:51
S43	1	S42 and mdct and noise	USPAT	OR	OFF	2007/04/11 08:51
S42	1	S40 and quantiz\$7 and target and bit and rate	USPAT	OR	OFF	2007/04/11 08:51
S41	0	S40 and quantiz\$7 and target and bit and rate and mdct and noise and gain and scalefactor and domain and frequency	USPAT	OR	OFF	2007/04/11 08:51
S39	24	(bit adj rate) with quantiz\$6 with target with noise	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 16:18
S38	501	(bit adj rate) with quantiz\$6 with target	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 16:18
S37	21	S34 and mask\$5 and threshold	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 16:00

## EAST Search History

S34	25	S33 and quantiz\$7	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:48
S33	27	energy and psychoacoustic and scalefactor and band and frequency and time and domain	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:41
S32	28	energy and psychoacoustic and scalefactor and band and frequency and time	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:37
S31	1	energy and psychoacoustic and scalefactor and band and frequency and time and frequency\$2domain and time\$2domain	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:37
S23	4	energy same psychoacoustic same scalefactor same band	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:36
S30	3	S29 and (bit adj rate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:35
S29	4	S27 and domain	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:35
S27	4	S26 and masking and threshold and scalefactor	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:22
S28	2	S27 and spectral	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:21
S26	4	S25 and quantiz\$7 and frequency and time	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:21
S25	4	S23 and energy and psychoacoustic	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:21
S24	1	S23 and energy and psychoacoustic and quantiz\$7 and frequency and time and masking and threshold and scalefactor and curve	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:20

## EAST Search History

S21	5	S18 and (energy adj level)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:05
S20	0	S18 and (masked adj threshold)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:05
S18	52	S17 and ("temporal noise shaping" or TNS or "long term prediction" or LTP or "perceptual noise substitution" or PNS)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:05
S19	6	S18 and (masked with threshold)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:04
S13	14	S12 and ("temporal noise shaping" or TNS or "long term prediction" or LTP or "perceptual noise substitution" or PNS)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 15:04
S14	2	S13 and (masked with threshold)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:12
S17	307	S16 and (quantiz\$7)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11
S16	323	S15 and (MDCT or "modified discrete cosine transform")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11
S15	963	S7 and (encod\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11
S12	148	S11 and (quantiz\$7)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11
S11	154	S10 and (MDCT or "modified discrete cosine transform")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11
S10	335	S9 and (encod\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/10 13:11

## EAST Search History

S9	418	S7 and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/10 11:52
S8	11632	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/04/10 11:52
S7	1490	psychoacoustic	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/10 11:52